```c
#include <stdio.h>

#include <stdlib.h>


int main() {

    FILE *sourceFile, *destFile;

    char sourceName[100], destName[100];

    char ch;


    // Ask user for file names

    printf("Enter source file name: ");

    scanf("%s", sourceName);

    printf("Enter destination file name: ");

    scanf("%s", destName);


    // Open source file in read mode

    sourceFile = fopen(sourceName, "r");

    if (sourceFile == NULL) {

        perror("Error opening source file");

        exit(1);

    }


    // Open destination file in write mode

    destFile = fopen(destName, "w");

    if (destFile == NULL) {

        perror("Error opening destination file");

        fclose(sourceFile);

        exit(1);

    }
```

```c
    // Copy character by character

    while ((ch = fgetc(sourceFile)) != EOF) {

        fputc(ch, destFile);

    }


    printf("File copied successfully.\n");


    // Close files

    fclose(sourceFile);

    fclose(destFile);


    return 0;

}
```

Output   Clear

```
Enter source file name: input.txt
Enter destination file name: output.txt
file copied successfully.
```